**Original/Duplicate/Triplicate**

# CONTRACT CERTIFICATE

(For Other Works)

No. AEE/KGD/SBR/32/16-17 Date.....2015 dt. 30/5/16

Zone:BBMP,Yalahanka Division:BBMP, Byatarayanapura Sub-Division:BBMP,Kodigehalli

Bill Received No. Dated Divisional Sub-Divisional Cash Book Voucher No.....Dated.....

Schedule Docket No. Head of Account:~~POW~~ P-3089 Est.Cost: Rs.49.00 Lakhs D.R.NO.: 008-16-000002

**Name of Work : Improvements to roads and drains at Tatanagara surroundings in ward no. 8, kodigehalli sub-division**

AS No.: AS/CE(YNBK)/23/15-16 dtd 20.08.2015 TS No.: TS/EE/BTP/BBMP/38/15-16 dtd 21.08.2016

Name of Contractor and Full Address:

**m. Srinisasa Murthy, No. 17, Opp Jyothi Gas godown, 6th cross, Kurubarahalli, Bangalore-86**

Reference to Agreement No. BBMP/EE/BTP/WO/274/2015-16 dated 3.3.2016

Certified that the measurements were taken by me on 2/4, 7/4, 16/4, 1/5,20/5 and 30/5/16 and recorded of Pages 262909-17 of measurement Book No. 2630/15-16 and that work is satisfactorily executed.

Contractor 30/05/2016 Officer-in-charge of work

Certified that measurement were taken by me on / /2016 and found correct. The work is satisfactoril executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Sub-Division Officer

| | | Amount |
|---|---|---|
| 1) Total value of work done or supplies made as per account within | | 1st & Final Bill 6643700=00 |
| 2) Deduct amount to be held in reserve being.....Percent Rs..... | | IT 6643700=00 |
| 3) " Balance | | VAT 185748=00 |
| 4) Deduct Payment: | | FSD FDR Submitted |
| a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of | | LWC 6643700=00 |
| b) Payments cost store or other material supplied. | | CBF 6644=00 |
| Now made recovery of amount creditable to this /other work Amount paid on this bill Cheque/Cash. | | Roy 58121=00 |
| 5) Balance being unpaid value of work done held in reserve. | | |
| 6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments. | | |
| 7) Net amount due to or from Contractor unadjustments items. | | |
| 8) Advance to Contractor for materials brought to site (as detailed) within | | |
| 9) Value of Government materials supplied. | | |
| | Total amount adjusted | 341387=00 |

Contractor's Signature

Net Amt 43,02,313=00

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

**Witness**

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

6643700=00
341387=00
43,02,313=00

Executive Engineer

6/6

| Sl. No. | Items grouped under sub-Heads and Sub-Works of the Estimate Description | Unit |
|---|---|---|
| 1 | Removing B.S Slab of Drain and stacking | sqm |
| 2 | Refixing stone slabs of drains and pointing in C.M (1:3 | sqm |
| 3 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete - 10.0 cms thick | sqm |
| 4 | Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications | cum |
| 5 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications | cum |
| 6 | Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications | cum |
| 7 | Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4 | Sqm |
| 8 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification | cum |
| 9 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications | cum |
| 10 | Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications | Ton |
| 11 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications | Sqm |

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| Previous Measurement | | Present Measurement | | | Total Upto Date | |
|---|---|---|---|---|---|---|
| Qty | Cost | Qty | Rate Rs. P. | Amount | Qty | Cost |
| | | 1446.15 | 45.25 | 65438.00 | 1446.15 | 65438.00 |
| | | 1373.84 | 65.00 | 89300.00 | 1373.84 | 89300.00 |
| | | 255.46 | 650.16 | 166090.00 | 255.46 | 166090.00 |
| | | 881.34 | 70.60 | 62223.00 | 881.34 | 62223.00 |
| | | 130.68 | 4847.04 | 633411.00 | 130.68 | 633411.00 |
| | | 7.56 | 4773.60 | 36088.00 | 7.56 | 36088.00 |
| | | 12.60 | 92.88 | 1170.00 | 12.60 | 1170.00 |
| | | 3.76 | 5327.64 | 20032.00 | 3.76 | 20032.00 |
| | | 8.50 | 6065.28 | 51555.00 | 8.50 | 51555.00 |
| | | 0.60 | 79056.00 | 47434.00 | 0.60 | 47434.00 |
| | | 30.78 | 250.00 | 7695.00 | 30.78 | 7695.00 |

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| | | |
|---|---|---|
| 12 | Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications | **cum** |
| 13 | Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift | **sqm** |
| 14 | Providing groove cutting for cement pavement wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications | **sqm** |
| 15 | Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications | **sqm** |
| 16 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications | **cum** |
| 17 | Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. | **sqm** |
| 18 | Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications. | **sqm** |
| 19 | Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade | **cum** |
| 21 | Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading | **cum** |
| | | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| | | 82.50 | 5852.52 | 482833.00 | 82.50 | 482833.00 |
| | | 825.00 | 97.20 | 80190.00 | 825.00 | 80190.00 |
| | | 44.00 | 124.20 | 5465.00 | 44.00 | 5465.00 |
| | | 2557.00 | 77.40 | 197912.00 | 2557.00 | 197912.00 |
| | | 1056.58 | 1300.00 | 1373554.00 | 1056.58 | 1373554.00 |
| | | 3613.60 | 12.25 | 44267.00 | 3613.60 | 44267.00 |
| | | 3613.60 | 75.10 | 271381.00 | 3613.60 | 271381.00 |
| | | 99.37 | 9400.00 | 934078.00 | 99.37 | 934078.00 |
| | | 837.27 | 88.00 | 73680.00 | 837.27 | 73680.00 |
| | | | | **4643902.0** | | **4643902.0** |

4643902 =

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